



74 1113

Synthetic Hydraulic Oil

CHARACTERISTICS:

- Formulated to meet the specific needs of industry and automobiles
- Proven its stability from one temperature extreme to the other,
- Prevents leaks.
- Possesses a high viscosity index
- Low dropping point
- Very low coefficient of friction.
- A superior oil ideally suited for wide temperature ranges.
- Extremely resistant to chemical degradation, oxidation, wear and foam.
- Available in all ISO standard grades as well as multi-grades for all season use.

PHYSICAL PROPERTIES:

Test	ASTM	741113-022	741113-032	741113-046	741113-068	741113-100	741113-200
ISO Grade		22	32	46	68	100	220
SAE Grade		--	5 W	10W	20W20	20W40	220
Flash Point	D92	182	185	188	200	208	241
Pour Point	D97	-53°C	-52°C	-46°C	-38°C	-38°C	-35°C
Specific Gravity @ 15°C	D4052		0,87 g/cm3	0,87 g/cm3	0,87 g/cm3	0,88 g/cm3	0,89 g/cm3
Viscosity @ 40°C, cSt	D445	23.7 cSt	31.8 cSt	44.2 cSt	63.2 cSt	95.4 cSt	221 cSt
Viscosity @ 100°C, cSt	D445	4.8 cSt	5.8 cSt	7.3 cSt	9.9 cSt	13.5 cSt	22 cSt
Viscosity Index	D2270	126	126	128	141	142	121
Oxidation Stability (hours)	D943		3100 hours	3500 hours	2900 hours	2400 hours	2516 hours
Oxidation Stability (sludge)	D4310		46 mg	13 mg	13 mg	14 mg	34 mg
Carbon Residue		.05	.06	.07	.07	.07	.08
Antioxidant Characteristics	D665						
Distillate Water (A)		Pass	Pass	Pass	Pass	Pass	Pass
Synthetic Sea Water (B)		Pass	Pass	Pass	Pass	Pass	Pass

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